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SEQUENCE ANALYSIS

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EMBOSS-Align Results

Needle Results	
Matrix	DNAfull
Open gap penalty	10.0
Gap extension penalty	0.5
Needle output	needle-20060804-00212328575043.output



```
#####  
# Program:   needle  
# Rundate:   Fri Aug 04 00:21:24 2006  
# Align_format: srspair  
# Report_file: /ebi/extserv/old-work/needle-20060804-00212328575043.output  
#####
```


```
#####
#
# Aligned_sequences: 2
# 1: EMBOSS_001
# 2: EMBOSS_001
# Matrix: EDNAFULL
# Gap_penalty: 10.0
# Extend_penalty: 0.5
#
# Length: 1053
# Identity: 1052/1053 (99.9%)
# Similarity: 1052/1053 (99.9%)
# Gaps: 0/1053 ( 0.0%)
# Score: 5256.0
#
#
#####
```

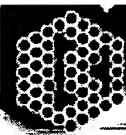
EMBOSS_001	1	atggg'gcaccgcgaaaggccggaagcgccgggctggatcaggatgagag	50
EMBOSS_001	1	atggg'gcaccgcgaaaggccggaagcgccgggctggatcaggatgagag	50
EMBOSS_001	51	atcatcttcagacaccaacgaaagtgaataaaagtcaaatgaagagccac	100
EMBOSS_001	51	atcatcttcagacaccaacgaaagtgaataaaagtcaaatgaagagccac	100
EMBOSS_001	101	tcctaagaaagagttctcgccggtttgtcatctttccaatccagtaccct	150
EMBOSS_001	101	tcctaagaaagagttctcgccggtttgtcatctttccaatccagtaccct	150
EMBOSS_001	151	gatatttggaaaaatgtataaacaggcacaggcttccttctggacagcaga	200
EMBOSS_001	151	gatatttggaaaaatgtataaacaggcacaggcttccttctggacagcaga	200
EMBOSS_001	201	agaggctgacttatcaaaggatctccctcactggaacaagcttaaagcag	250

EMBOSS_001	201	agagggtgacttatcaaaggatctccctcactggaacaagcttaagcag	250
EMBOSS_001	251	atgagaagtacttcatctctcacatcttagccttttttgagccagtgat	300
EMBOSS_001	251		300
EMBOSS_001	301	ggaattgtaaatgaaaatttgggtggagcgcttagtcaggaggtgcaggt	350
EMBOSS_001	301		350
EMBOSS_001	351	tccagaggctcgctgtttctatggccttcaaattctcatcgagaatgttc	400
EMBOSS_001	351		400
EMBOSS_001	401	actcagagatgtacagtttgctgatagacacttacatcagagatcccaag	450
EMBOSS_001	401		450
EMBOSS_001	451	aaaagggaatttttatttaatgcaattgaaacatgccctatgttaagaa	500
EMBOSS_001	451		500
EMBOSS_001	501	aaaagcagattgggccttgcgatggatagcagatagaaaatctacttttg	550
EMBOSS_001	501		550
EMBOSS_001	551	gggaaagagtgggtggcctttgctgctgtagaaggagttttcttctcagga	600
EMBOSS_001	551		600
EMBOSS_001	601	tcttttgctgctatattctggctaaagaagagaggtcttatgccaggact	650
EMBOSS_001	601		650
EMBOSS_001	651	cactttttccaatgaactcatcagcagagatgaaggacttactgtgact	700
EMBOSS_001	651		700
EMBOSS_001	701	ttgcttgctgatgttccaatacttagtaaataagccttcagaagaagg	750
EMBOSS_001	701		750
EMBOSS_001	751	gtcagggagatcattgttgatgctgtcaaaattgagcaggagtttttaac	800
EMBOSS_001	751		800
EMBOSS_001	801	agaagccttgccagttggcctcattggaatgaattgcattttgatgaaac	850
EMBOSS_001	801		850
EMBOSS_001	851	agtacattgagtttgtagctgacagattacttgtggaacttgattctca	900
EMBOSS_001	851		900
EMBOSS_001	901	aaggtttttcaggcagaaaaatccttttgattttatggaaaacatttcttt	950
EMBOSS_001	901		950
EMBOSS_001	951	agaaggaaaaaacaatttctttgagaaacgagtttcagagtatcagcggt	1000
EMBOSS_001	951		1000
EMBOSS_001	1001	ttgcagttatggcagaaaccacagataacgtcttcaccttgatgcagat	1050
EMBOSS_001	1001		1050
EMBOSS_001	1051	ttt 1053	
EMBOSS_001	1051		
EMBOSS_001	1051	ttt 1053	

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EMBOSS-Align Results

Needle Results	
Matrix	Blosum62
Open gap penalty	10.0
Gap extension penalty	0.5
Needle output	needle-20060804-00264023727706.output
<div>SUBMIT ANOTHER JOB</div>	

```
#####
# Program: needle
# Rundate: Fri Aug 04 00:26:41 2006
# Align_format: srspair
# Report_file: /ebi/extserv/old-work/needle-20060804-00264023727706.output
#####

#=====
#
# Aligned_sequences: 2
# 1: EMBOSS_001
# 2: EMBOSS_001
# Matrix: EBLOSUM62
# Gap_penalty: 10.0
# Extend_penalty: 0.5
#
# Length: 351
# Identity: 351/351 (100.0%)
# Similarity: 351/351 (100.0%)
# Gaps: 0/351 ( 0.0%)
# Score: 1821.0
#
#
#=====

EMBOSS_001      1  MGDPERPEAAGLDQDERSSSDTNESEIKSNEEPLLRKSSRRFVIFPIQYP      50
|||||
EMBOSS_001      1  MGDPERPEAAGLDQDERSSSDTNESEIKSNEEPLLRKSSRRFVIFPIQYP      50

EMBOSS_001     51  DIWKMYKQAQASFWEAEVDLSKDLPHWNKLKADEKYFISHILAFFAASD     100
|||||
EMBOSS_001     51  DIWKMYKQAQASFWEAEVDLSKDLPHWNKLKADEKYFISHILAFFAASD     100

EMBOSS_001    101  GIVNENLVERFSQEVQVPEARCFYGFQILINHVHSEMYSLIDITYIRDPK     150
|||||
EMBOSS_001    101  GIVNENLVERFSQEVQVPEARCFYGFQILINHVHSEMYSLIDITYIRDPK     150

EMBOSS_001    151  KREFLFNAIETMPYVKKKADWALRWIADRKSTFGERVVAFAAVEGVFFSG     200
|||||
EMBOSS_001    151  KREFLFNAIETMPYVKKKADWALRWIADRKSTFGERVVAFAAVEGVFFSG     200

EMBOSS_001    201  SFAAIFWLKKRGLMPGLTFSNELISRDEGLHCDFACLMFQYLVNKPSEER     250
|||||
```

```
EMBOSS_001      201 SFAAIFWLKKRGLMPGLTFSNELISRDEGLHCDFACLMFQYLVNKPSEER      250
EMBOSS_001      251 VREIIVDAVKIEQEFLTEALPVGLIGMNCILMKQYIEFVADRLLVELGFS      300
EMBOSS_001      251 VREIIVDAVKIEQEFLTEALPVGLIGMNCILMKQYIEFVADRLLVELGFS      300
EMBOSS_001      301 KVFAQENPFDFMENISLEGKTNFFEKRVSSEYQRFVMAETTDNVFTLDAD      350
EMBOSS_001      301 KVFAQENPFDFMENISLEGKTNFFEKRVSSEYQRFVMAETTDNVFTLDAD      350
EMBOSS_001      351 F      351
EMBOSS_001      351 F      351
```

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```

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